

# Recommended flag sizes and wind strengths

## Max. wind speed (m/s) for Vikingmast standard GRP-flagpoles depending on the FLAG size.

Size of Flag		Heigh of Flagpole									
(heigh x width)		6 m	7 m	8 m	9 m	10 m	11 m	12 m	14 m	16 m	18 m
1,05 x 1,65 m		31	32	29	31	35	38	38	32	37	33
1,25 x 1,96 m		30	31	28	29	34	36	37	31	35	32
1,50 x 2,36 m		29	30	28	28	33	35	35	30	35	31
1,65 x 2,58 m		28	29	27	28	32	35	35	29	34	31
2,00 x 3,14 m		28	28	26	27	31	33	34	28	32	29
2,33 x 3,66 m		27	27	25	26	30	32	32	27	32	28
2,67 x 4,20 m		26	26	25	25	29	31	32	26	31	28
3,00 x 4,71 m		25	25	24	25	28	25	31	25	30	27

All calculations in table are based on the tests of SP Technical Research Institute of Sweden and American National Standard ANSI/NAAMM FP1001-07

## Max. wind speed (m/s) for Vikingmast standard GRP-flagpoles depending on the BANNER size.

Size of Banner		Heigh of Flagpole									
(heigh x width)	m <sup>2</sup>	6 m	7 m	8 m	9 m	10 m	11 m	12 m	14 m	16 m	18 m
3,00 x 1,50 m	4,50	19	25	23	24	28	29	29	28	28	25
3,50 x 1,50 m	5,25	25	25	23	24	27	29	29	28	28	25
5,00 x 1,50 m	7,50	25	25	22	23	27	28	29	28	28	25
6,00 x 1,50 m	9,00	25	25	23	23	27	28	28	28	27	24

All calculations in table are based on the tests of SP Technical Research Institute of Sweden and American National Standard ANSI/NAAMM FP1001-07

 – recommended Flag or Banner size.

### Data in the tables valid for normal conditions:

1. Temperature of air - 20-25 C
2. relative humidity - up to 65% (raised humidity of air (for example due to strong rain or snow with rain) will reduce maximum allowable wind speed)
3. flagpole mounted on the ground
4. Flag type: horizontal / Banner type: vertical

When flagpole will be installed in extreme conditions (on the hill or on the roof of the building or in a very windy place etc.), please contact the technical department .